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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/680,123	10/08/2003	Lobo Wang	MR1115-482	4675
4586	7590	03/10/2005	EXAMINER	
ROSENBERG, KLEIN & LEE 3458 ELLICOTT CENTER DRIVE-SUITE 101 ELLICOTT CITY, MD 21043			SCOTT, JAMES R	
			ART UNIT	PAPER NUMBER
			2832	

DATE MAILED: 03/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.		Applicant(s)	
	10/680,123		WANG, LOBO	
	Examiner		Art Unit	
	James R. Scott		2832	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 October 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 October 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION***Drawings***

The drawings are objected to by the Examiner under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the manner in how the joystick shell can penetrate light so that light can be emitted to the outside of the shell or ambient (claim 1) should be illustrated. Likewise the non-illustrated light emitting hole(s) should be illustrated in the joystick shell, which likewise mentioned noting the limitations of improperly original number claim 3 is not illustrated. Furthermore the transparent film with a decorated pattern, which is placed on the light emitting hole(s), mentioned in improperly original number claim 4 is not illustrated. The transparent material embedded in the joystick shell mentioned in improperly original number claim 6 is not illustrated. These structural features and any other omitted critical structural features must be properly illustrated in the drawings or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for

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consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the examiner does not accept the changes, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Specification

35 U.S.C. 112, first paragraph35 U.S.C. 112, first paragraph, requires the specification to be written in "full, clear, concise, and exact terms." The specification is replete with terms, which are not clear, concise and exact. The specification should be revised carefully in order to comply with 35 U.S.C. 112, first paragraph.

Claim Objections

The numbering of claims is not in accordance with 37 CFR 1.126 which requires the original numbering of the claims to be preserved throughout the prosecution. When claims are canceled, the remaining claims must not be renumbered. When new claims are presented, they must be numbered consecutively beginning with the number next following the highest numbered claims previously presented (whether entered or not).

There are 10 claims in the application instead of nine (9) claims. The dependent claim following independent claim 1 is not numbered but should have been originally numbered as claim 2. Present numbered claims 2-8 should have been properly numbered as claims 3-9 and the last remaining dependent claim should have been

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renumbered as dependent claim 10. Original dependent claims 2 and 4 are dependent upon themselves.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-9 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claim 1 what kind of signal is sent from the microprocessor to the game machine? The word-- it -- infers that the receiving signal is the signal sent to the game machine. Applicant infers that the received signal has not been changed or processed. What is the function of the microprocessor in this respect? What is the difference between the signal transfer device in line 5 of claim 1 and the signal-transferring device of claim 1, line 8. Noting line 11 of claim 1 is the circuit the same circuit referred to in the preceding line 10 of claim 1? The last two lines of the claim 1 include a limitation, which is dependent upon the preceding limitations in lines 1-13 in an improper manner. Noting improperly numbered claim 3, the Blinking LED should be referred to as --a blinking LED --. In improperly numbered claim 4(original numbered claim 3) the last two lines should be rewritten as light-emitting hole arranged in the joystick shell which allows the light produced by the interiorly mounted LED in the joystick shell to penetrate through the at least one light emitting hole to the outside of the joystick shell. The

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remaining dependent claims are indefinite for the same reasons as claim 1. Any other errors in the claims applicant may become aware of should be corrected.

Remarks

Due to the numerous informalities it has not been possible to conduct a thorough and comprehensive examination of the application. It is applicant's responsibility to render the application in proper form complying with 35 USC 112.

Cited References

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Zysaarski et al discloses the use of switch assembly including a rocker or joystick type element capable of being illuminated. Jones teaches that it is out to provide an illuminated joystick on a wheelchair arm. Tiphane et al disclose the use of a shell having a shell identifying element and a coupling to a shell detection element associated with a core module, memory and processor. Huang et al discloses the use of a serial interface associated with an LED driver, microprocessor and direction control mechanism.

Summary

Claims 1-10 are rejected.

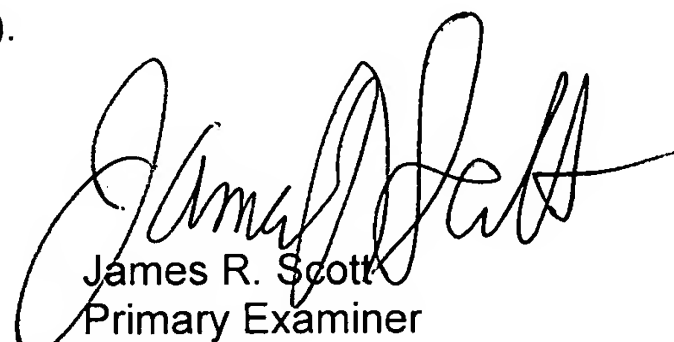
Any inquiry concerning this communication or earlier communications from the examiner should be directed to James R. Scott whose telephone number is (571) 272-1999. The examiner can normally be reached on Monday-Friday 1-5 p.m..

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Elvin G. Enad can be reached on (571) 272-1990. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JRScott: jrs
March 1, 2005



James R. Scott
Primary Examiner
GAU 2832